

X17C SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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- 1. Valid Padlock Index and log, no locks open
- 2. Cable penetration shield upstream of double plug doors in place (top of wall - see photo)
- 3. Cement bricks in place along entire bottom length of the two X17 front end sawtooth plug doors (see photo)
- 4. Water cooled backstop in place in downstream end of X17C hutch (see photo).
- 5. Bremsstrahlung Shield BS6 in place and banded (see photo from item #4).
Note: BS3, BS4, BS5 are part of X17B checklists
- 6. Bremsstrahlung Shield BS1 (in front of MS Monochromator) in place and banded (see photo)
Inside Transport Hutch (view items through window if hutch is interlocked)
- 7. Bremsstrahlung Shield BS2 (downstream end of hutch) in place and banded (see photo)
Inside Transport Hutch (view items through window if hutch is interlocked)
- 8. Threshold shield in place under door on X16 side of hutch
- 9. Threshold shield in place under door on X18 side of hutch
- 10. X17B transport pipe lead shielded and strapped.
- 11. Upstream X17B transport pipe wall penetration lead shields in place (see photo)
- 12. Downstream X17B transport pipe wall penetration lead shields in place (see photo from item #4)

OPCO / Beamline Staff: _____ Date: _____